

Surface Sediment Sampling Approach for Hard Sediment Conditions¹

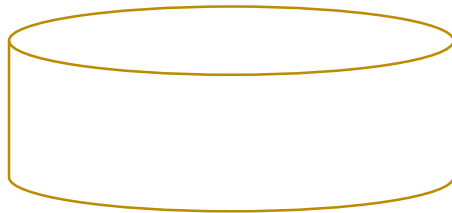
(when penetration threshold is not being met)

1 – Does not apply to debris, rock, or structure encounters

Sample 1

Bowl 1 – Thin Sed. Sample

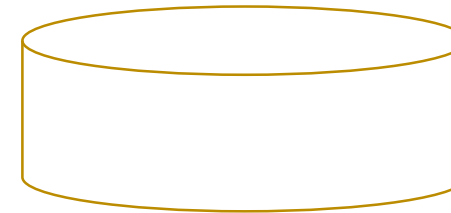
Contains some, or all grabs <20cm
Must be within Primary Location (25 ft radius)



Sample 2

Bowl 2 – Thick Sed. Sample

Contains only grabs meeting 20+cm threshold
Can move out to contingency locations to obtain
(see note about alternate locations*)



Example for illustration purposes only

Grab samples 3 grabs
= Final Composite Sample



Split off grab due to sufficient volume

Additional grab within Primary location* (25 to 50 ft radius)
needed to completed thick Sed. Sample

***If alternative location is necessary – then the whole sample set and methodology above needs to be repeated if hard sediment is encountered**